

FIG. 2

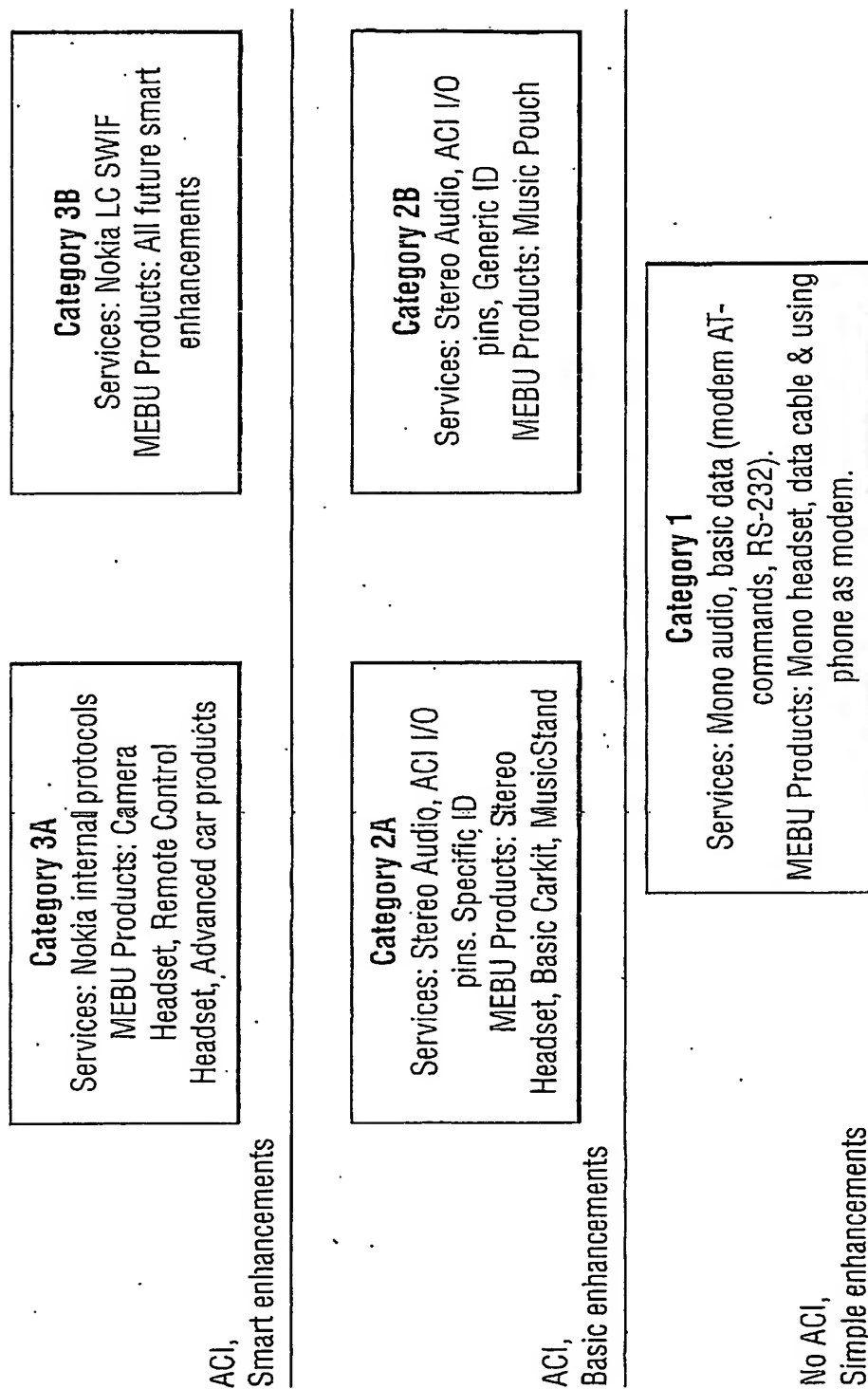
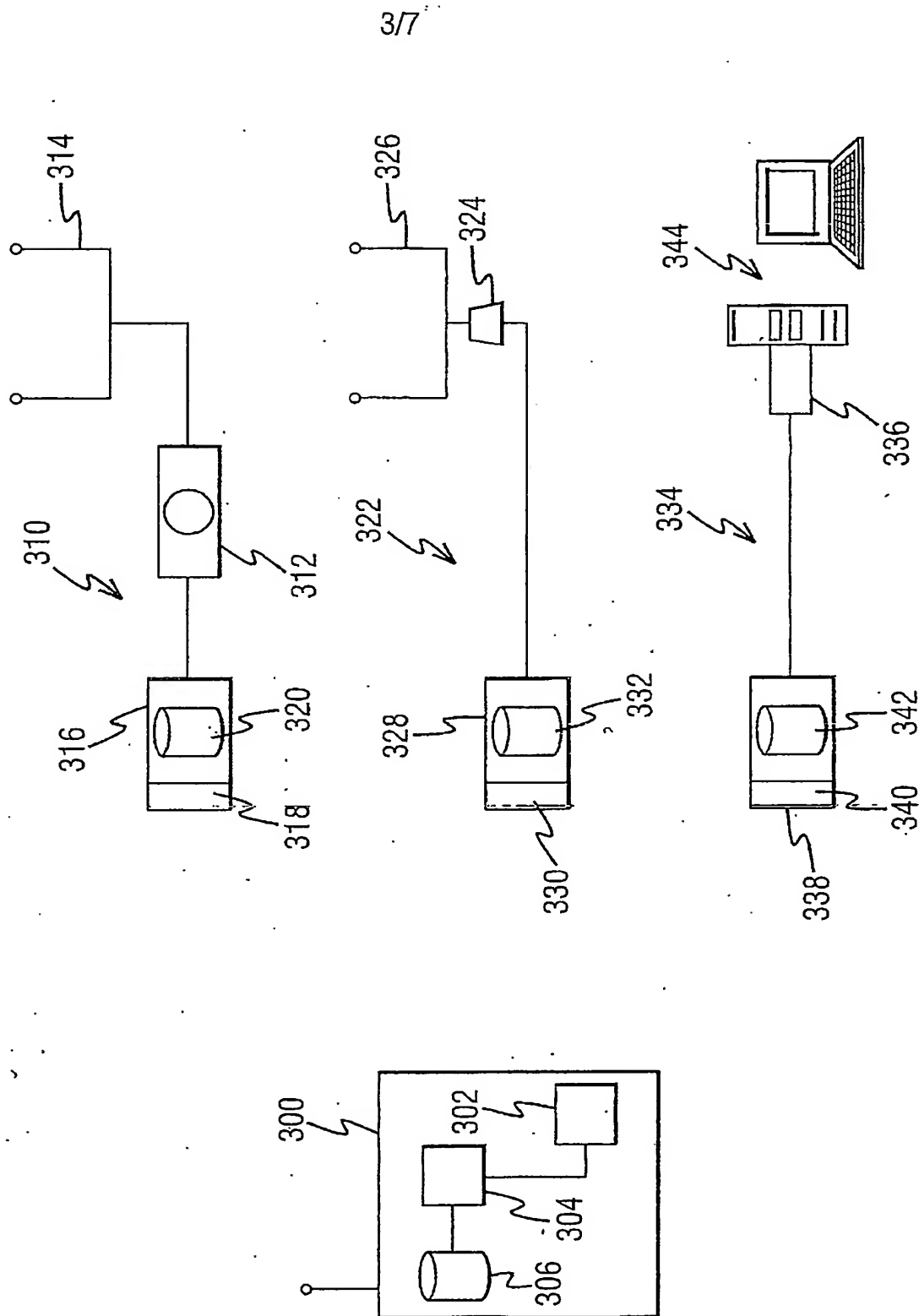


FIG. 3



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FIG. 4

Generic ID System Block												
Address	Field	Value	Size	Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0	Notes
+0	Block_ID		4 bits					#	#	#	#	Block ID
	Device_ID		12 bits	#	#	#	#					
												Device_ID
+2	Resource_ID		1 byte									
+3	Device_type		3 bits				#	#	#	#	#	Device type
	Spare		5 bits	#	#	#						Spare
+4	I/O_Inf		8 byte									
			1 bit		#	#	#	#	#	#	#	Feature active state (0/1)
			7 bit	#								Feature for I/O-pin (0...7)
+12	I/O input/output		1 byte									'1' = Output, '0' = Input

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FIG. 5

Resource_ID field	
Bit	Sub field
0	NBUS
1	FBUS
2	USB
3	Audio
4	Music playback
5	FM antenna
6	Spare
7	Spare

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FIG. 6

Audio Block												
Address	Field	Value	Size	Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0	Notes
+14	Uplink sensitivity											
			5-bits						#	#	#	Uplink sensitivity (Mic Gain)
			3 bits	#	#	#	#	#				AEC table selection
+15	Downlink volume											
			5 bits						#	#	#	Downlink sensitivity (Output Gain)
			3 bits	#	#	#	#	#				Max output level
+16	Enhancement Switchers											
			1 bit		#	#	#	#	#	#	#	Up alwe on/off
			1 bit	#		#	#	#	#	#	#	Down alwe on/off
			2 bits	#	#			#	#	#	#	Output switcher
			1 bit	#	#	#	#		#	#	#	Mic on/off
			2 bits	#	#	#	#	#			#	DRC target value
			1 bit	#	#	#	#	#	#	#		Input impedance
+17	Parametric wideb EQ		9 bytes									
+31	Parity byte		1 byte									Odd parity for each bit over the whole block

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FIG. 7

